

An optical material is a mixture of materials comprising a first material having a refractive index of not more than 1.45 for the d-line and a second material having an Abbe's number, indicating wavelength dispersion in the visible region, of not more than 25. A relation between the refractive index for the d-line ( $n_d$ ) and the Abbe's number ( $v_d$ ) is defined as follows:

$$n_d \leq -6.667 \times 10^{-3} v_d + 1.70.$$

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[illegible]